

Jennifer M. Granholm, Governor

# **THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

Steven E. Chester, Director  
<http://www.michigan.gov/deq>



and

# **THE MICHIGAN MUNICIPAL BOND AUTHORITY**

Thomas Letavis, Executive Director

Under the Authority of Part 54, Clean Water Assistance, of the Natural Resources  
and Environmental Protection Act, 1994 PA 451 and the Shared Credit Ratings Act, 1985 PA 227

**Present the**

## **FISCAL YEAR 2005 ANNUAL REPORT of the MICHIGAN DRINKING WATER REVOLVING FUND**

Prepared by:  
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## **I. INTRODUCTION**

On August 2, 1996, the United States Congress passed the Safe Drinking Water Act (SDWA), 1976 PA 399, amendments of 1996 (P.L. 104-182). This legislation authorized the creation of a revolving fund to provide low-interest loans to qualified water suppliers for repairs or enhancements to public water supply systems. In theory, this fund would be very similar to the State Revolving Fund (SRF) created to assist water pollution control projects.

Michigan responded to the new federal program by creating the Drinking Water Revolving Fund (DWRF). As with the SRF, the DWRF is co-administered by the Michigan Department of Environmental Quality (MDEQ) and the Michigan Municipal Bond Authority (MMBA). The MDEQ handles all programmatic issues, while the MMBA serves the program with its financial expertise.

While there are many similarities between the SRF and the DWRF, there are some notable differences. For instance, the SRF is permitted to fund only municipalities, while the DWRF may include privately owned community water suppliers and not-for-profit non-community water suppliers. The SRF has very limited set-aside funds, whereas the DWRF makes liberal use of special set-asides to fund administration, capacity development, source water protection, source water assessments, etc. The loan repayment period in the SRF is limited to 20 years, while the DWRF can extend up to 30 years for communities that qualify as “disadvantaged.”

## **II. PROGRAM CONTACTS**

For financial issues dealing with the bonding structure, bond documents, financial detail and audit results, contact:

Mr. Thomas Letavis, Executive Director  
Michigan Municipal Bond Authority  
Treasury Building  
Lansing, MI 48922  
517-241-9504  
levatist@michigan.gov

For technical reviews of DWRF projects, permit issuance, and administration of the set-aside programs authorized by the SDWA, contact:

Mr. James Cleland, Chief, Lansing Operations Division  
Water Bureau (WB)  
P.O. Box 30273  
Lansing, MI 48909-7773  
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clelandj@michigan.gov

For program oversight, grant administration, and project management issues, contact:

Mr. Chip Heckathorn, Chief  
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### **III. PROGRAM STRUCTURE**

Michigan operates the DWRF within a financing structure similar to that of the SRF. We offer loans to qualified applicants who possess at least investment grade credit. Investment grade credit may be demonstrated by a separate credit rating or a credit assessment letter from one of the rating agencies, by a pledge of state revenue sharing with sufficient coverage, or by credit enhancement. Michigan law allows for a county or a public authority to issue debt on behalf of underlying communities. The investment grade credit must be approved by the MMBA for the entity issuing the debt. For water suppliers who are municipalities with granted bonding authority, this presents no significant challenges.

The DWRF sells tax-exempt revenue bonds to provide money that is used to reimburse communities for incurred costs. The most recent bond issue occurred in July 2005 for \$80,000,000. Both the DWRF and the SRF 2005 Revenue Bonds received the highest ratings from Fitch (AAA), Moody's Investor Services (Aaa), and Standard and Poor's (AAA). These ratings demonstrate a high level of confidence in the structure and administration of Michigan's infrastructure programs. As the DWRF reimburses suppliers, federal funds from the capitalization grant and state match funds are transferred into a debt service reserve account to provide coverage for the leveraged bond issue.

### **IV. LONG-TERM GOALS**

Michigan's DWRF established a new funding source designed to protect and preserve public health within the state's boundaries. Michigan's geographical identity as a Great Lakes state affords its citizens with an abundant and high quality water resource from which to draw its drinking water. Unlike many states, Michigan water supplies are plentiful and periods of restricted use are few and far between in most communities. Given our abundant water resource, the challenge for water suppliers lies in protecting the high quality of the resource as well as ensuring that adequate volume and pressure exist to deliver potable water to the customer.

In light of the interest in protecting public health, the MDEQ and the MMBA have undertaken efforts toward the attainment of Michigan's long-term goals as stated in the Intended Use Plan (IUP):

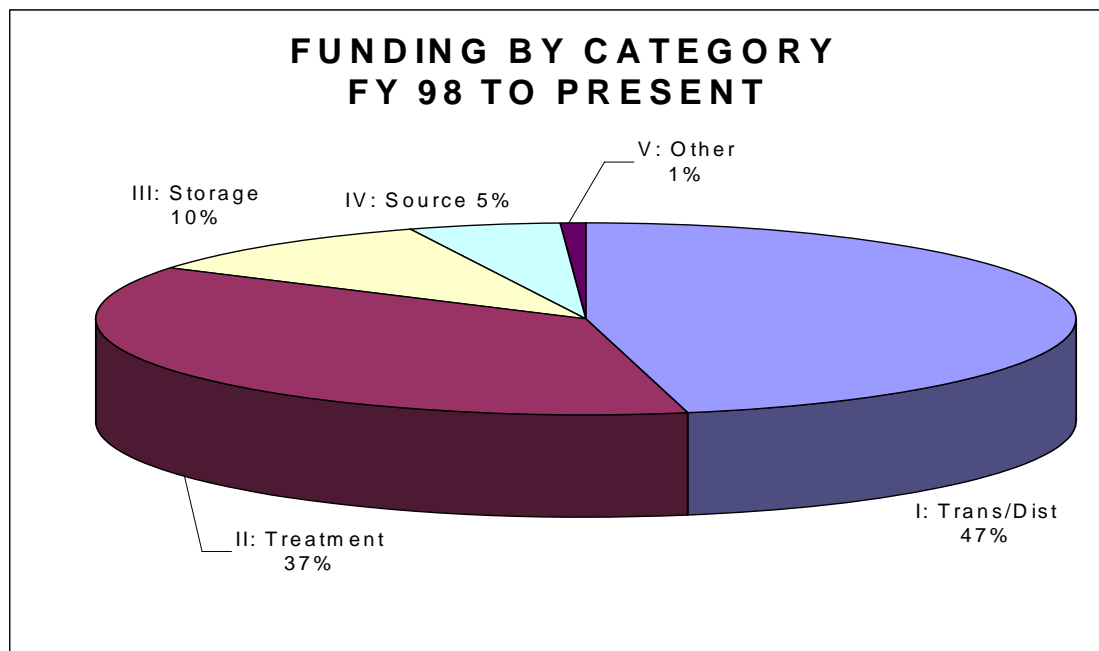
1. *To maintain statewide compliance with all applicable state and federal drinking water laws, rules, and standards.*
2. *To protect the public health and environmental quality of our state.*
3. *To maintain Source Water Assessment, Source Water Protection, and Wellhead Protection Programs.*
4. *To develop strategies within the DWRF to assist smaller, economically disadvantaged communities in meeting drinking water standards.*
5. *To promote the DWRF as a viable tool for use by Michigan water suppliers in financing their waterworks system improvements or upgrades.*
6. *To secure Michigan's full share of federal funding and to expeditiously obligate these funds, along with the state contributions, for the construction of eligible facilities that meet state and federal requirements.*

7. *To develop effective partnerships with other federal and state financing sources to promote efficiency in environmental review procedures and coordination of funding.*
8. *To apply a Capacity Assessment Program for all new community and non-transient non-community water supplies.*
9. *To continue operator certification program requirements to assure proper operation and maintenance of public water systems.*

Michigan is proud of its accomplishments in promoting compliance with all applicable drinking water requirements. Prior to the creation of the DWRP, project financing for community water supply was left largely to local units of government or to individuals investing in their own systems. The DWRP provides a source of infrastructure financing that assists communities in protecting both public health and well being. In Fiscal Year (FY) 2005, 15 loans were made totaling \$50,440,000. This brings the DWRP to a total assistance of \$381,010,000 for 126 water supply projects since 1997 (see Attachment 1 – DWRP Funded Projects by Binding Commitment Date).

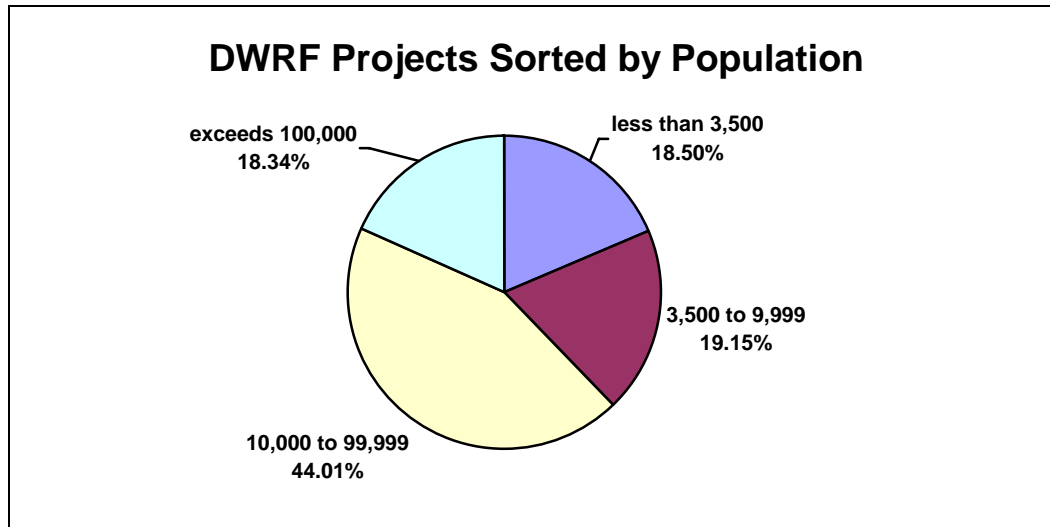
The following provides the cost breakdown by project category of all projects funded to date. Attachment 2 (DWRP Funded Projects by Category Costs Dollars) is a complete listing of all the projects.

I. Transmission/Distribution	\$177,776,950
II. Treatment	\$141,455,073
III. Storage	\$ 39,551,426
IV. Source	\$ 19,564,512
V. Other	<u>\$ 2,662,039</u>
<b>TOTAL</b>	<b>\$381,010,000</b>



The DWRF funds projects of varying population size. The following shows the dollar amount of projects funded by population size since the inception of the program.

Population less than 3,500	\$ 70,315,000
3,500 to 9,999	\$ 73,015,000
10,000 to 99,999	\$167,790,000
over 100,000	\$ 69,890,000
<b>TOTAL</b>	<b>\$ 381,010,000</b>



## V. SHORT-TERM GOALS

In order to accomplish the long-term goals, we focused on more immediate objectives. Our short-term goals in FY 2005 were:

**A. *To continue our outreach effort to publicize the DWRF through direct mail, electronic media, newsletter publication, workshops, and meetings.***

Our outreach efforts have been very successful. Program managers continue to meet with interested public water suppliers, consulting engineers, and associations with an interest in water supply issues. In addition, substantial program information is available through the internet on the MDEQ's web site.

**B. *To continue implementation plans for source water protection focused on statewide surface water assessments and groundwater assessments in areas tributary to the Great Lakes.***

The 1996 amendments to the federal SDWA required states to submit Source Water Assessment Programs (SWAP) by February 6, 1999, for Environmental Protection Agency (EPA) approval. Michigan's SWAP was submitted on time and approved by the EPA in October 1999. The SWAP Advisory Committee has met 15 times since 1997 to develop the SWAP and assist with technical and public involvement issues.

The intent of the SWAP is to identify the areas that supply public drinking water; inventory contaminants and assess water supply susceptibility to contamination; and inform the public of the results. Michigan has completed assessments for 11,833 community and non-community public water supplies with an estimated 18,000 sources assessed.

In 1997, the state of Michigan reserved the maximum allowable, one-time 10 percent set-aside for SWAP of \$5,968,110 from the initial federal capitalization of the DWRF. There were no SWAP expenditures in FY 1997, but there were expenditures of \$372,879 in FY 1998, \$1.4 million in FY 1999, \$1.1 million in FY 2000, \$825,000 in FY 2001 and \$1.2 million in FY 2002. An updated SWAP Workplan/Budget was submitted to the EPA in October 2001 and approved on December 6, 2001, to allow full expenditure of the initial SWAP set-aside through May 2003. EPA accepted further extension of the Michigan SWAP through December 2003. With EPA concurrence, the remaining dollars (approximately \$500,000) of the SWAP set-aside were transferred to the Wellhead Protection set-aside.

In April 2005, the Michigan Source Water Protection Program also hosted the 6<sup>th</sup> Annual Non-Community Source Water Protection Training Workshop for local health department staff.

***C. To continue the State's Wellhead Protection Program through the implementation of matching grant programs.***

Efforts to enhance wellhead protection areas of community water supplies embrace two fronts. During FY 2005, the WB continued efforts to develop and implement local Wellhead Protection Programs under the existing voluntary state program by administering the seventh round of matching Wellhead Protection Grants. Following is the history of grant awards in this program since its inception:

FY 1999	54 communities awarded	\$1,014,044
FY 2000	62 communities awarded	\$1,080,390
FY 2001	66 communities awarded	\$1,044,266
FY 2002	85 communities awarded	\$1,286,589
FY 2003	84 communities awarded	\$1,260,180
FY 2004	67 communities awarded	\$ 857,772
FY 2005	57 communities awarded	\$ 848,143
FY 2006	50 communities awarded	\$ 682,029
Total to Date	525 awards	\$ 8,073,413

During FY 2005, the WB continued the Clean Michigan Initiative (CMI) Abandoned Well Management (AWM) Grants Program. This is a comprehensive 75 percent state-share grant program to manage abandoned wells identified inside wellhead protection areas of community public water supply sources. The following is the history of grant awards in this program since its inception:

FY 2001	36 communities awarded	\$1,200,000
FY 2004	11 communities awarded	\$1,100,000
FY 2005	17 communities awarded	\$ 940,000
Total to Date:	64 communities awarded	\$3,240,000

The first round of AWM grant contracts was successful in locating and plugging over 500 abandoned wells.

The second round of grants is currently underway with 5 communities having completed their projects and the remaining 6 still in the search phase.

The third round of grants was just awarded and the communities are in their administrative start-up phase.

The WB allocated and spent \$225,000 from the set-aside funds for administration of the AWM Program in FY 2005. Administration and coordination of the statewide AWM Program is provided out of the Lansing office of the WB. Staff expenses included one full-time equivalent (FTE) assigned to the Drinking Water and Environmental Health Section to coordinate AWM Program activities and one FTE working with the associated groundwater database. The statewide AWM Program is implemented in the field through local health department operations contracts and by WB staff stationed in district offices. Program highlights from FY 2005 included:

- Conformance with abandoned well plugging requirements on replacement well sites was estimate to be 85 percent on a statewide basis, based upon activity reports provided by local health department quarterly reports.
- Completion of the plugging activities at 34 of the 36 first round grant communities.
- WB continued specialized training programs intended for registered well drilling (plugging) contractors, local health department staff, and Michigan Department of Agriculture's contracted Conservation District staff highlighting new technical procedures for plugging abandoned flowing artesian wells, plugging abandoned wells terminated in fractured bedrock, and using specialized tools for removing obstructions from abandoned wells.
- One grantee community in Michigan's Upper Peninsula located and plugged 37 abandoned wells that ranged in depth from 200 feet to 440 feet. These were a clear threat to the new municipal supply well that was 400 feet deep. The DEQ nominated this community for the Michigan Rural Water Association's "Exemplary Efforts in Environmental Protection Award," which they received in March 2005.

***D. To continue a Technical Assistance Program for small communities.***

Existing staff in the WB and RLOCS administer this program. During FY 2005, one community, Village of Carsonville, qualified for disadvantaged community set-aside funds, however, the Village of Carsonville had no planning costs associated with the project that could be reimbursed.

The Technical Assistance contractor continued to work with systems, especially nontransient noncommunity systems, that have arsenic levels greater than 10 micrograms per liter (ug/l). Part of this service consists of meeting with these systems and working with them to develop strategies for meeting the maximum contaminant level.

The WB and RLOCS have also partnered to conduct financial assessments of small systems that have received a less than satisfactory rating in a recent sanitary survey and are not making progress toward correcting the deficiencies due in some part to financial difficulties. The criteria have been expanded recently to allow systems that could benefit from a financial assessment to be included. As a result, several systems that are currently in compliance but concerned about future challenges like meeting the revised arsenic standard have participated and are now making progress by improving their financial capacity so they can afford necessary capital improvements.

These financial assessments are being performed by a financial analyst from RLOCS. The analyst conducts an assessment of the community's existing financial health that includes a review of financial documents and an on-site meeting with system representatives. A Financial Action Plan is then developed that includes short- and



long-range goals along with a step-by-step process to reach these goals. Useful tools such as a sample water ordinance, a service agreement checklist, and templates that assist in identifying the cost of any needed capital improvements are also provided. Possible financing options are also discussed.

***E. To fund projects identified on the Project Priority List (PPL) enabling communities to proceed during FY 2005 with the construction of facilities included in their adopted project plans.***

The DWRF provided low interest financing to 15 projects totaling over \$50 million (see Attachment 3 – Fundable Range Quarterly Report for FY 2005). Attachment 4 contains the Notice to Proceed dates for the projects funded. The MDEQ and the MMBA committed all available project funds in FY 2005.

***F. To continue to invite stakeholder participation in the development of administrative rules for conducting capacity assessments of certain public water supplies.***

There was no need for development of additional administrative rules for conducting capacity assessments during FY 2005.

***G. To ensure that funded projects have reviewed and considered the security needs of the water system.***

Project planning must include a complete description of the existing waterworks system and thorough evaluation of reliability requirements and the selection of an alternative that provides adequate security measures consistent with the Ten State Standards (April 2003 Policy Statement on Infrastructure Security for Public Water Supplies). The issuance of the required SWDA construction permit necessitates a review of construction drawings/specifications by the WB District Engineer for compliance with these standards. The MDEQ review and approval of planning and design documents provide the opportunity to insure that the water supplier's consultant has considered/included adequate security measures in the selected alternatives, a prerequisite to the commitment of DWRF funds.

## **VI. ESTABLISHMENT OF INTEREST RATES**

The primary advantage for Michigan water suppliers is their ability to borrow funds at below market rates. The DWRF interest rate is established prior to each new fiscal year. As identified in Part 54, Clean Water Assistance, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, determination of the interest rate is based on demand, market conditions, program costs, and future needs. Since a portion of the state match in any given fiscal year may be financed with State Revenue Match bonds, the upcoming year's interest rate must also account for the expense incurred in securing the bonds.

The DWRF is unique when compared to the SRF, in that both municipal and non-municipal water suppliers may participate if they are qualified. In assessing the market conditions for each type of entity, it was quickly apparent to the MDEQ staff that a municipality would enjoy lower rates of interest on the open credit markets than would a private, non-municipal supplier who would normally have to obtain taxable financing through commercial lending institutions.

Based on the knowledge that market conditions generally demand higher rates of interest for non-municipal borrowers, and considering limitations of having to serve

them through a direct, non-leveraged program structure, the director of the MDEQ has determined that the DWRF will provide similar subsidy rates to both municipal and non-municipal borrowers. The interest rate in FY 2005 was 2.125 percent for municipal borrowers, and a 2.125 percentage point buy-down of interest for private water suppliers, although no private water suppliers were on the PPL.

## **VII. ADVANTAGES OF THE DWRF**

Apart from the low interest rate, suppliers also benefit from the DWRF in that they can finance all eligible waterworks system costs. The major benefit results from the fact that water supply financing in the past has always been left to the local units of government or private entities. Historically, there has been no significant state financial assistance available to local officials in meeting water supply needs. The DWRF will provide an on-going source of funding to maintain or improve drinking water quality and public health. In addition, the on-site technical assistance, opportunities for source water assessment and protection, operator training and certification program, and the abandoned well management program provide a blend of direct and indirect aids to local communities across Michigan.

## **VIII. ALLOCATION OF FUNDS**

Allocation of funds among eligible uses is based on a three-step process. First, the MDEQ and the MMBA identify the new sources of funds to be added to the revolving fund and the spending limits for the DWRF within the given fiscal year. Next, a determination of the type and amount of financial assistance necessary for each supplier is made. Finally, funds are allocated among the projects consistent with amounts available and the project's priority standing.

The following identifies the new sources of funds available to the DWRF in FY 2005:

FY 2005 Title IX Funds	\$33,958,000
FY 2005 State Match (general fund and state match revenue bonds)	<u>\$ 6,791,600</u>
<b>TOTAL</b>	<b>\$40,749,600</b>

There is an additional cash match of \$1,348,416 spent in FY 2005 from the Public Water Supply Fee program administered by the WB. This amount meets the dollar-for-dollar match requirement for source water protection, capacity development, and operator certification.

The governor of each state may, at his or her discretion, transfer 33 percent of available moneys between the SRF and the DWRF programs. This may occur starting one year after a state receives its first capitalization grant for project funds. This option was not exercised during the period covered by this annual report.

## **IX. EPA PAYMENT PROCESS**

As the federal capitalization grants for the set-aside funds were awarded, EPA processed payment requests for increases to the state's draw capabilities via the Automated Standard Application for Payments system. In FY 2005, the MDEQ and the

MMBA processed \$64,428,038 in actual disbursements. This included \$1,582,587 disbursement requests for the MDEQ and the MMBA administrative costs. Non-administrative set-aside requests totaled \$3,674,231.

## **X. ASSURANCES**

The final guidelines from the EPA set forth provisions that the state must give certain assurances in order to qualify for capitalization grant funding. These assurances were incorporated into the Operating Agreement signed by the EPA, the MDEQ, and the MMBA on December 9, 1997. Along with federal and state law, the Operating Agreement serves as the framework by which Michigan's DWRF program operates. The MDEQ and the MMBA have fulfilled the stated assurances throughout the operation of the DWRF during this fiscal year.

Michigan agreed to fair share objectives of three percent for Minority Business Enterprise and five percent for Women's Business Enterprise in FY 2003. In an attempt to meet the objectives, Michigan included a reporting requirement as a special condition in all supplemental agreements executed between the loan recipient, the MDEQ and the MMBA. Actual participation rates in FY 2005 for Minority Business Enterprise were 24 percent and for Women's Business Enterprise were 12 percent.

## **XI. SUMMARY**

Michigan's DWRF program continues to grow as evidenced by the \$50,440,000 loaned to communities this fiscal year. As MDEQ promotes the DWRF program and works with communities to get projects funded, we will continue to provide safe drinking water to the residents of Michigan.

# DE Drinking Water Revolving Fund Funded Projects by Binding Commitment Date

DWRF

Project No	Applicant	Location	Description	Binding Comm. Date	Binding Comm. Amount
7018-01	Carrollton Twp	Saginaw Co	Upgrade/replace the majority of water mains	6/12/1998	\$2,165,000.00
7039-01	Mt Clemens	Macomb Co	Seg 1; Repl mains, looping	6/12/1998	\$855,000.00
7032-01	Ottawa Co	Polkton Twp	Dist ext	6/12/1998	\$395,000.00
7021-01	Washtenaw Co	Saline	Water main replacement at four locations	6/12/1998	\$1,375,000.00
7031-01	Hudsonville	Ottawa Co	Repl mains	8/27/1998	\$500,000.00
7029-01	Van Buren Co	Paw Paw	Repl mains, looping	8/27/1998	\$830,000.00
7026-01	St Clair Co	City of Algonac	New intake crib, ps, grnd strg tanks	8/27/1998	\$7,900,000.00
7024-01	Mt Clemens	Macomb Co	Seg 1; WTP upgrd, sed basin impr	8/27/1998	\$2,155,000.00
7023-01	Blissfield	Lenawee Co	Repl WTP, new intake	8/27/1998	\$6,485,000.00
7022-01	Manchester	Washtenaw Co	Repl mains, looping, det tank	8/27/1998	\$620,000.00
7042-01	Lapeer Co	Village of Dryden	Repl mains, looping, new well	8/27/1998	\$1,155,000.00
7015-01	Flushing	Genesee Co	Replace/rehab distribution mains	8/27/1998	\$2,045,000.00
7030-01	Coopersville	Ottawa Co	Repl mains	8/27/1998	\$750,000.00
7014-01	Oxford	Oakland Co	Replace and upgrade aged mains	8/27/1998	\$1,895,000.00
7013-01	Summit Twp	Jackson Co	Two new wells, elevated storage,	8/27/1998	\$4,630,000.00
7011-01	Rockford	Kent Co	2 new supply wells, iron removal, main replacement	8/27/1998	\$2,440,000.00
7010-01	Sault Ste Marie	Chippewa Co	Segment B	8/27/1998	\$4,155,000.00
7006-01	Otisville	Genesee Co	Two new wells with .5 mile main connections	8/27/1998	\$375,000.00
7005-01	Lansing Twp	Ingham Co	Clement Road portion: 2600 ft. of replacement 12"	8/27/1998	\$425,000.00
7004-01	Marine City	St Clair Co	New 750,000 gallon spheroid water storage tower	8/27/1998	\$1,155,000.00
7002-01	Breckenridge	Gratiot Co	New well with 450ft transmission main	8/27/1998	\$330,000.00
7001-01	Wixom	Oakland Co	Segment 1	8/27/1998	\$3,895,000.00
7017-01	YCUA	Washtenaw Co	Rehab/replace aged mains	8/27/1998	\$4,935,000.00
7028-01	Frankfort	Benzie Co	New well, grnd strg, ps imps, repl mains	8/27/1998	\$1,775,000.00
7057-01	Fenton	Genesee Co	New grnd strg tank, repair strg tanks, looping	3/5/1999	\$1,480,000.00
7001-02	Wixom	Oakland Co	Segment 2	3/5/1999	\$6,180,000.00
7039-02	Mt Clemens	Macomb Co	Seg 2; Repl mains	3/5/1999	\$4,845,000.00
7066-01	Ironwood	Gogebic Co	Well field imp, WTP imp	3/5/1999	\$900,000.00
7021-02	Washtenaw Co	Saline	Seg 2; Main repl, looping, press valves, elev strg	5/25/1999	\$1,420,000.00
7038-01	Melvindale	Wayne Co	Repl mains, looping	5/25/1999	\$1,100,000.00
7046-01	East Jordan	Charlevoix Co	Phase 1; Grnd strg, repl mains	5/25/1999	\$850,000.00
7048-01	Plainwell	Allegan Co	2 new wells, elev strg, main ext	5/25/1999	\$1,570,000.00
7059-01	Holly	Oakland Co	New well, rehab/expnd trt plant, upgrd wtr tower	5/25/1999	\$1,435,000.00

Project No	Applicant	Location	Description	Binding Comm. Date	Binding Comm. Amount
7005-02	Lansing Twp	Ingham Co	Installation of 4000 lineal feet of 12" water main	5/25/1999	\$780,000.00
7019-01	Flint	Genesee Co	WTP upgrade, seg 1	9/3/1999	\$7,220,000.00
7044-01	Sanilac Co	Lexington, Village	Upgrd/Expnd Lk Huron intake, WTP upgrd, dist imp	9/3/1999	\$2,040,000.00
7058-01	Highland Park	Wayne Co	Distribution Main Improvements	9/3/1999	\$6,000,000.00
7052-01	St Clair Co.	East China/China	New intake, WTP, repl mains	9/3/1999	\$8,425,000.00
7053-01	Caro	Tuscola Co	Repl dist mains, new well, trans main	9/3/1999	\$1,035,000.00
7007-01	Mt Morris	Genesee Co	Distribution main replacement	9/3/1999	\$420,000.00
7064-01	Eaton Rapids	Eaton Co	Repl mains, dist ext, WTP upgrd	9/3/1999	\$1,745,000.00
7065-01	Grand Beach	Berrien Co	Repl mains	9/3/1999	\$720,000.00
7008-01	White Cloud	Newaygo Co	New 200,000 gallon water storage tank	9/3/1999	\$835,000.00
7086-01	East Jordan	Charlevoix Co	Phase 2: New well, ps, repl mains, looping	9/3/1999	\$1,290,000.00
7069-01	YCUA	Washtenaw Co	Phase 2: Repl mains	9/3/1999	\$1,085,000.00
7001-03	Wixom	Oakland Co	Segment 3: Main extensions	3/2/2000	\$7,290,000.00
7082-01	Colon	St Joseph Co	New elev strg tank, new well, repl mains, looping	6/1/2000	\$2,085,000.00
7091-01	Ottawa Co	Allendale Twp	New booster sta, booster sta imp, trans main repl	6/1/2000	\$1,865,000.00
7039-03	Mt Clemens	Macomb Co	Seg 3: Repl mains, looping	6/1/2000	\$1,960,000.00
7090-01	Sparta	Kent Co	New well, repl mains, looping, standby power	8/31/2000	\$4,330,000.00
7024-02	Mt Clemens	Macomb Co	Seg 2: WTP upgrd, disinf	8/31/2000	\$2,075,000.00
7019-02	Flint	Genesee Co	Clarifier, plate settlers, flume rehab	8/31/2000	\$8,035,000.00
7084-01	Chelsea	Washtenaw Co	Seg 1: New production well, trans main	11/28/2000	\$6,110,000.00
7078-01	Sunfield	Eaton Co	Elev strg tank, looping, remove hydro tank	6/11/2001	\$880,000.00
7103-01	Milford	Oakland Co	Phase 1: WTP filter media, upgrd/repl stor tank	6/11/2001	\$1,905,000.00
7067-01	Lake Linden	Houghton Co	New well; grnd strg, repl mains	6/11/2001	\$1,200,000.00
7083-01	Hudson	Lenawee Co	Repl high serv & well pumps/motors,	6/11/2001	\$1,770,000.00
7023-02	Blissfield	Lenawee Co	Install nitrate remvl equip	9/7/2001	\$750,000.00
7100-01	Nashville	Barry Co	New & repl mains, WTP imps, standby generators, booster PS	9/7/2001	\$965,000.00
7010-02	Sault Ste Marie	Chippewa Co	Segment C	9/7/2001	\$1,800,000.00
7079-01	Muir	Ionia Co	New wells, elev strg tank, repl mains	9/7/2001	\$1,850,000.00
7019-03	Flint	Genesee Co	Filter rehab, electric rehab	9/7/2001	\$9,480,000.00
7088-01	Port Huron	St. Clair Co	Phase 2: Repl mains, looping	11/29/2001	\$8,945,000.00
7079-02	Muir	Ionia Co	Financial segment of 7079-01	11/29/2001	\$340,000.00
7110-01	Port Huron	St Clair Co	Phase 3: Repl mains, looping	3/12/2002	\$3,930,000.00
7108-01	Shelby	Oceana Co	Repl mains, looping, booster station, booster station rehab	3/12/2002	\$1,365,000.00
7106-01	Milford	Oakland Co	Phase 2: Looping, dist main, upgrd/repl stor tank	3/12/2002	\$1,760,000.00
7095-01	Jackson Co	Parma	Ext dist mains	3/12/2002	\$1,110,000.00

Project No	Applicant	Location	Description	Binding Comm. Date	Binding Comm. Amount
7084-02	Chelsea	Washtenaw Co	Seg 2; Repl mains, looping	3/12/2002	\$3,090,000.00
7009-01	Escanaba	Delta Co	Treatment plant annex	6/11/2002	\$2,750,000.00
7096-01	Ypsilanti	Washtenaw Co	Phase 3; Repl mains	9/5/2002	\$485,000.00
7085-01	Jackson Co	Grass Lake	new strg tank & repl mains	9/5/2002	\$2,255,000.00
7068-01	Marion	Osceola Co	Replace distribution mains	9/5/2002	\$1,800,000.00
7113-01	Port Huron	St Clair Co	Phase 4; Repl mains, looping	9/5/2002	\$1,805,000.00
7101-01	North Branch	Lapeer Co	New well, repl mains	9/5/2002	\$1,320,000.00
7098-01	Adrian	Lenawee Co	WTP upgrd, repl mains	9/5/2002	\$5,665,000.00
7102-01	Monroe Co	South Rockwood	Repl mains, looping, 2nd supply connection	9/5/2002	\$1,530,000.00
7107-01	Fenton	Genesee Co	New WTP w/ iron remvl, sftng, repl mains, looping	11/26/2002	\$9,600,000.00
7126-01	Grand Blanc	Genesee Co	WTP upgrd, arsenic trt, softening	3/11/2003	\$3,600,000.00
7099-01	Monroe Co	Petersburg	Trans main, PS	3/11/2003	\$2,720,000.00
7105-01	Port Huron	St Clair Co	Water main repl. - Tunnel St. Area	3/11/2003	\$1,800,000.00
7128-01	Deerfield	Lenawee Co	New elev stor tank, repl mains, looping	3/11/2003	\$925,000.00
7010-03	Sault Ste Marie	Chippewa Co	Seg D & Seg E (partial) repl mains, looping	3/11/2003	\$3,135,000.00
7126-02	Grand Blanc	Genesee Co	WTP upgrd, arsenic trt, softening	3/11/2003	\$800,000.00
7122-01	Ypsilanti	Washtenaw Co	Repl. Mains - City	6/10/2003	\$5,300,000.00
7129-01	Filer Twp	Manistee Co	New elev stor tank; well imps; dist.main/looping	6/10/2003	\$1,490,000.00
7125-01	Davison	Genesee Co	Repl mains, looping	6/10/2003	\$2,430,000.00
7120-01	Belding	Ionia Co	New well; transmission main; looping	6/10/2003	\$685,000.00
7043-01	Monitor Twp	Bay Co	Repl mains, looping	6/10/2003	\$455,000.00
7054-01	Port Sanilac	Sanilac Co	New WTP, repl mains, looping	6/10/2003	\$2,135,000.00
7116-01	Charlevoix Co	Village of Boyne F	New ground storage tank, water meters	6/10/2003	\$595,000.00
7115-01	Boyne City	Charlevoix Co	New ground stor tank; new well; trans mains; booster station	6/10/2003	\$1,785,000.00
7114-01	Barry Co	Yankee Springs T	Yankee Springs Twp elev water tank	6/10/2003	\$650,000.00
7112-01	Ypsilanti	Washtenaw Co	2nd DWSD supply connection - City	6/10/2003	\$785,000.00
7111-01	YCUA	Washtenaw Co	2nd DWSD supply connection - Twp	6/10/2003	\$3,355,000.00
7138-01	Davison	Genesee Co	WTP upgrd, arsenic trt, well	9/4/2003	\$3,570,000.00
7034-01	Saline	Washtenaw Co	New WTP	9/4/2003	\$6,840,000.00
7117-01	Portland	Ionia Co	New elev stor tank, new well	9/4/2003	\$1,450,000.00
7019-04	Flint	Genesee Co	Seg 4; WTP upgrd/expnd	9/4/2003	\$19,180,000.00
7147-01	Port Huron	St. Clair Co	Water main repl. - CSO Area 35	3/9/2004	\$2,315,000.00
7134-01	Huron Co	Village of Elkton	Repl mains, looping	3/9/2004	\$835,000.00
7136-01	Brighton	Livingston Co	Rehab WTP, repl mains	3/9/2004	\$1,520,000.00
7142-01	Muskegon	Muskegon Co	WTP upgrd/expnd; looping; strg/ps imp	3/9/2004	\$13,900,000.00

Project No	Applicant	Location	Description	Binding Comm. Date	Binding Comm. Amount
7146-01	Ann Arbor	Washtenaw Co	Repl mains	3/9/2004	\$805,000.00
7027-01	Ontonagon	Ontonagon Co	New WTP, conn main, ext for consolidation (refinance)	6/8/2004	\$7,370,000.00
7123-01	Ypsilanti	Washtenaw Co	Repl mains - City	6/8/2004	\$6,330,000.00
7137-01	Beverly Hills	Oakland Co	Repl mains	6/8/2004	\$3,690,000.00
7139-01	Sanilac Co	Carsonville	Repl mains, looping,	6/8/2004	\$1,065,000.00
7132-01	Port Huron	St. Clair Co	Water main repl. - non CSO Area, Part A	6/8/2004	\$600,000.00
7133-01	Armada	Macomb Co	New WTP, new well, repl mains, looping	9/2/2004	\$3,740,000.00
7141-01	Independence Tw	Oakland Co	New wells, trt, stor, repl mains, looping	9/2/2004	\$18,000,000.00
7168-01	Port Huron	St Clair Co	Repl mains - Military (Reid to Black River)	3/15/2005	\$2,105,000.00
7141-02	Independence Tw	Oakland Co	New wells, trt, stor, repl mains, looping	3/15/2005	\$625,000.00
7150-01	Port Huron	St Clair Co	Water main repl. - 24th St.	3/15/2005	\$520,000.00
7167-01	Port Huron	St Clair Co	Repl mains - 16th Ave. Phase II	3/15/2005	\$2,015,000.00
7156-01	Carson City	Montcalm Co	New strg tank; looping; trans main	6/7/2005	\$1,600,000.00
7157-01	Kalamazoo Co	Village of Augusta	Repl mains; strg tank imp.	6/7/2005	\$750,000.00
7160-01	Marquette Twp	Marquette Co	New wells and strg; ps imp; repl mains	6/7/2005	\$4,520,000.00
7169-01	Port Huron	St Clair Co	Repl mains - Woodstock Area Phase II	6/7/2005	\$510,000.00
7165-01	Bay City	Bay Co	WTP Upgrade	6/7/2005	\$6,000,000.00
7148-01	Sanilac Co	Carsonville	Arsenic trt	9/1/2005	\$690,000.00
7155-01	Caro	Tuscola Co	WTP Arsenic Trt; Upgrd Wells;	9/1/2005	\$1,780,000.00
7159-01	Marine City	St Clair Co	WTP Imp	9/1/2005	\$2,500,000.00
7161-01	Detroit	Wayne Co	Lake Huron WTP clearwell rehab	9/1/2005	\$15,265,000.00
7162-01	Detroit	Wayne Co	Repl mains	9/1/2005	\$10,710,000.00
7164-01	Shiawassee Co	Byron	WTP; Arsenic Trt, Looping; Stor Tank Rehab/Upgrd	9/1/2005	\$850,000.00
Total Binding Comm. Amount for 126 projects:					\$381,010,000.00

# Drinking Water Revolving Fund Funded Projects - Category Cost 00A Dollars

**DWRF**

Project No	Applicant	CatI	CatII	CatIIIA	CatIVA	CatV	Bind.Comm.Amount
7001-01	Wixom	\$1,644,580	\$0	\$2,250,420	\$0	\$0	\$3,895,000
7001-02	Wixom	\$6,180,000	\$0	\$0	\$0	\$0	\$6,180,000
7001-03	Wixom	\$6,132,694	\$0	\$0	\$0	\$1,157,306	\$7,290,000
7002-01	Breckenridge	\$0	\$0	\$0	\$330,000	\$0	\$330,000
7004-01	Marine City	\$0	\$0	\$1,155,000	\$0	\$0	\$1,155,000
7005-01	Lansing Twp	\$425,000	\$0	\$0	\$0	\$0	\$425,000
7005-02	Lansing Twp	\$780,000	\$0	\$0	\$0	\$0	\$780,000
7006-01	Otisville	\$162,677	\$0	\$0	\$212,323	\$0	\$375,000
7007-01	Mt Morris	\$420,000	\$0	\$0	\$0	\$0	\$420,000
7008-01	White Cloud	\$268,160	\$0	\$566,840	\$0	\$0	\$835,000
7009-01	Escanaba	\$0	\$2,750,000	\$0	\$0	\$0	\$2,750,000
7010-01	Sault Ste Marie	\$4,155,000	\$0	\$0	\$0	\$0	\$4,155,000
7010-02	Sault Ste Marie	\$1,800,000	\$0	\$0	\$0	\$0	\$1,800,000
7010-03	Sault Ste Marie	\$3,135,000	\$0	\$0	\$0	\$0	\$3,135,000
7011-01	Rockford	\$398,214	\$1,812,997	\$0	\$228,789	\$0	\$2,440,000
7013-01	Summit Twp	\$2,350,117	\$648,308	\$972,462	\$659,113	\$0	\$4,630,000
7014-01	Oxford	\$1,895,000	\$0	\$0	\$0	\$0	\$1,895,000
7015-01	Flushing	\$2,045,000	\$0	\$0	\$0	\$0	\$2,045,000
7017-01	YCUA	\$4,935,000	\$0	\$0	\$0	\$0	\$4,935,000
7018-01	Carrolton Twp	\$2,165,000	\$0	\$0	\$0	\$0	\$2,165,000
7019-01	Flint	\$0	\$7,220,000	\$0	\$0	\$0	\$7,220,000
7019-02	Flint	\$0	\$8,035,000	\$0	\$0	\$0	\$8,035,000
7019-03	Flint	\$0	\$9,480,000	\$0	\$0	\$0	\$9,480,000
7019-04	Flint	\$0	\$19,180,000	\$0	\$0	\$0	\$19,180,000
7021-01	Washtenaw Co	\$742,160	\$0	\$0	\$632,840	\$0	\$1,375,000
7021-02	Washtenaw Co	\$534,348	\$0	\$885,652	\$0	\$0	\$1,420,000
7022-01	Manchester	\$501,978	\$118,022	\$0	\$0	\$0	\$620,000
7023-01	Blissfield	\$0	\$6,485,000	\$0	\$0	\$0	\$6,485,000
7023-02	Blissfield	\$0	\$750,000	\$0	\$0	\$0	\$750,000
7024-01	Mt Clemens	\$0	\$2,112,276	\$42,724	\$0	\$0	\$2,155,000
7024-02	Mt Clemens	\$0	\$2,075,000	\$0	\$0	\$0	\$2,075,000
7026-01	St Clair Co	\$0	\$5,012,158	\$2,887,842	\$0	\$0	\$7,900,000
7027-01	Ontonagon	\$7,370,000	\$0	\$0	\$0	\$0	\$7,370,000



Project No	Applicant	CatII	CatII	CatIIIA	CatIIIA	CatV	Bind.Comm.Amount
7028-01	Frankfort	\$1,109,563	\$0	\$448,738	\$216,699	\$0	\$1,775,000
7029-01	Van Buren Co	\$830,000	\$0	\$0	\$0	\$0	\$830,000
7030-01	Coopersville	\$750,000	\$0	\$0	\$0	\$0	\$750,000
7031-01	Hudsonville	\$500,000	\$0	\$0	\$0	\$0	\$500,000
7032-01	Ottawa Co	\$395,000	\$0	\$0	\$0	\$0	\$395,000
7034-01	Saline	\$360,843	\$6,419,494	\$0	\$59,663	\$0	\$6,840,000
7038-01	Melvindale	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
7039-01	Mt Clemens	\$855,000	\$0	\$0	\$0	\$0	\$855,000
7039-02	Mt Clemens	\$4,845,000	\$0	\$0	\$0	\$0	\$4,845,000
7039-03	Mt Clemens	\$1,960,000	\$0	\$0	\$0	\$0	\$1,960,000
7042-01	Lapeer Co	\$1,041,498	\$0	\$0	\$113,502	\$0	\$1,155,000
7043-01	Monitor Twp	\$455,000	\$0	\$0	\$0	\$0	\$455,000
7044-01	Sanilac Co	\$647,413	\$0	\$0	\$822,113	\$570,474	\$2,040,000
7046-01	East Jordan	\$335,028	\$0	\$509,058	\$5,914	\$0	\$850,000
7048-01	Plainwell	\$572,385	\$0	\$737,650	\$259,965	\$0	\$1,570,000
7052-01	St Clair Co.	\$641,936	\$6,395,323	\$595,468	\$792,273	\$0	\$8,425,000
7053-01	Caro	\$729,845	\$0	\$0	\$305,155	\$0	\$1,035,000
7054-01	Port Sanilac	\$1,283,433	\$851,567	\$0	\$0	\$0	\$2,135,000
7057-01	Fenton	\$643,069	\$0	\$770,926	\$0	\$66,005	\$1,480,000
7058-01	Highland Park	\$2,746,269	\$3,253,731	\$0	\$0	\$0	\$6,000,000
7059-01	Holly	\$513,639	\$762,672	\$158,689	\$0	\$0	\$1,435,000
7064-01	Eaton Rapids	\$1,293,940	\$451,060	\$0	\$0	\$0	\$1,745,000
7065-01	Grand Beach	\$710,000	\$0	\$0	\$10,000	\$0	\$720,000
7066-01	Ironwood	\$0	\$0	\$0	\$900,000	\$0	\$900,000
7067-01	Lake Linden	\$516,578	\$0	\$373,636	\$309,786	\$0	\$1,200,000
7068-01	Marion	\$1,762,927	\$0	\$0	\$37,073	\$0	\$1,800,000
7069-01	YCUA	\$1,085,000	\$0	\$0	\$0	\$0	\$1,085,000
7078-01	Sunfield	\$106,857	\$0	\$773,143	\$0	\$0	\$880,000
7079-01	Muir	\$751,562	\$0	\$578,125	\$520,313	\$0	\$1,850,000
7079-02	Muir	\$136,000	\$0	\$136,000	\$68,000	\$0	\$340,000
7082-01	Colon	\$1,483,596	\$0	\$306,478	\$211,672	\$83,254	\$2,085,000
7083-01	Hudson	\$399,802	\$1,222,827	\$147,371	\$0	\$0	\$1,770,000
7084-01	Chelsea	\$497,768	\$5,612,232	\$0	\$0	\$0	\$6,110,000
7084-02	Chelsea	\$3,090,000	\$0	\$0	\$0	\$0	\$3,090,000
7085-01	Jackson Co	\$1,441,944	\$0	\$813,056	\$0	\$0	\$2,255,000

Project No	Applicant	CatI	CatII	CatIII	CatIVA	CatV	Bind.Comm.Amount
7086-01	East Jordan	\$1,241,920	\$0	\$0	\$48,080	\$0	\$1,290,000
7088-01	Port Huron	\$8,945,000	\$0	\$0	\$0	\$0	\$8,945,000
7090-01	Sparta	\$3,911,188	\$0	\$0	\$418,812	\$0	\$4,330,000
7091-01	Ottawa Co	\$1,865,000	\$0	\$0	\$0	\$0	\$1,865,000
7095-01	Jackson Co	\$1,110,000	\$0	\$0	\$0	\$0	\$1,110,000
7096-01	Ypsilanti	\$485,000	\$0	\$0	\$0	\$0	\$485,000
7098-01	Adrian	\$1,140,140	\$4,524,860	\$0	\$0	\$0	\$5,665,000
7099-01	Monroe Co	\$2,720,000	\$0	\$0	\$0	\$0	\$2,720,000
7100-01	Nashville	\$789,135	\$175,865	\$0	\$0	\$0	\$965,000
7101-01	North Branch	\$1,054,303	\$0	\$0	\$265,697	\$0	\$1,320,000
7102-01	Monroe Co	\$1,530,000	\$0	\$0	\$0	\$0	\$1,530,000
7103-01	Milford	\$449,152	\$89,044	\$1,366,804	\$0	\$0	\$1,905,000
7105-01	Port Huron	\$1,800,000	\$0	\$0	\$0	\$0	\$1,800,000
7106-01	Milford	\$1,311,780	\$0	\$448,220	\$0	\$0	\$1,760,000
7107-01	Fenton	\$2,989,242	\$6,074,877	\$0	\$535,881	\$0	\$9,600,000
7108-01	Shelby	\$1,120,814	\$0	\$0	\$244,186	\$0	\$1,365,000
7110-01	Port Huron	\$3,930,000	\$0	\$0	\$0	\$0	\$3,930,000
7111-01	YCUA	\$0	\$0	\$0	\$3,355,000	\$0	\$3,355,000
7112-01	Ypsilanti	\$0	\$0	\$0	\$0	\$785,000	\$785,000
7113-01	Port Huron	\$1,805,000	\$0	\$0	\$0	\$0	\$1,805,000
7114-01	Barry Co	\$0	\$0	\$650,000	\$0	\$0	\$650,000
7115-01	Boyne City	\$1,426,073	\$0	\$0	\$358,927	\$0	\$1,785,000
7116-01	Charlevoix Co	\$0	\$0	\$595,000	\$0	\$0	\$595,000
7117-01	Portland	\$73,583	\$0	\$962,381	\$414,036	\$0	\$1,450,000
7120-01	Belding	\$318,220	\$0	\$0	\$366,780	\$0	\$685,000
7122-01	Ypsilanti	\$5,300,000	\$0	\$0	\$0	\$0	\$5,300,000
7123-01	Ypsilanti	\$6,330,000	\$0	\$0	\$0	\$0	\$6,330,000
7125-01	Davison	\$2,430,000	\$0	\$0	\$0	\$0	\$2,430,000
7126-01	Grand Blanc	\$0	\$3,600,000	\$0	\$0	\$0	\$3,600,000
7126-02	Grand Blanc	\$0	\$800,000	\$0	\$0	\$0	\$800,000
7128-01	Deerfield	\$292,221	\$0	\$632,779	\$0	\$0	\$925,000
7129-01	Filer Twp	\$706,389	\$0	\$783,611	\$0	\$0	\$1,490,000
7132-01	Port Huron	\$600,000	\$0	\$0	\$0	\$0	\$600,000
7133-01	Armada	\$2,652,424	\$784,356	\$0	\$303,220	\$0	\$3,740,000
7134-01	Huron Co	\$835,000	\$0	\$0	\$0	\$0	\$835,000

Project No	Applicant	CatI	CatII	CatIII	CatIVA	CatV	Bind.Comm.Amount
7136-01	Brighton	\$1,520,000	\$0	\$0	\$0	\$0	\$1,520,000
7137-01	Beverly Hills	\$3,690,000	\$0	\$0	\$0	\$0	\$3,690,000
7138-01	Davison	\$0	\$3,570,000	\$0	\$0	\$0	\$3,570,000
7139-01	Sanilac Co	\$1,065,000	\$0	\$0	\$0	\$0	\$1,065,000
7141-01	Independence Twp	\$5,542,629	\$5,542,630	\$1,875,987	\$5,038,754	\$0	\$18,000,000
7141-02	Independence Twp	\$277,778	\$277,778	\$69,444	\$0	\$0	\$625,000
7142-01	Muskegon	\$0	\$13,900,000	\$0	\$0	\$0	\$13,900,000
7146-01	Ann Arbor	\$805,000	\$0	\$0	\$0	\$0	\$805,000
7147-01	Port Huron	\$2,315,000	\$0	\$0	\$0	\$0	\$2,315,000
7148-01	Sanilac Co	\$0	\$690,000	\$0	\$0	\$0	\$690,000
7150-01	Port Huron	\$520,000	\$0	\$0	\$0	\$0	\$520,000
7155-01	Caro	\$0	\$1,780,000	\$0	\$0	\$0	\$1,780,000
7156-01	Carson City	\$601,435	\$0	\$998,565	\$0	\$0	\$1,600,000
7157-01	Kalamazoo Co	\$738,278	\$0	\$11,722	\$0	\$0	\$750,000
7159-01	Marine City	\$0	\$2,500,000	\$0	\$0	\$0	\$2,500,000
7160-01	Marquette Twp	\$2,444,191	\$0	\$555,863	\$1,519,946	\$0	\$4,520,000
7161-01	Detroit	\$0	\$0	\$15,265,000	\$0	\$0	\$15,265,000
7162-01	Detroit	\$10,710,000	\$0	\$0	\$0	\$0	\$10,710,000
7164-01	Shiawassee Co	\$125,232	\$497,996	\$226,772	\$0	\$0	\$850,000
7165-01	Bay City	\$0	\$6,000,000	\$0	\$0	\$0	\$6,000,000
7167-01	Port Huron	\$2,015,000	\$0	\$0	\$0	\$0	\$2,015,000
7168-01	Port Huron	\$2,105,000	\$0	\$0	\$0	\$0	\$2,105,000
7169-01	Port Huron	\$510,000	\$0	\$0	\$0	\$0	\$510,000
Total OOA Category Costs for 126 projects:		\$177,776,950	\$141,455,073	\$39,551,426	\$19,564,512	\$2,662,039	\$381,010,000

# **Drinking Water Revolving Fund: Fundable Range Quarterly Report - Fiscal Year: 2005** **DWRF**

2nd	Quarter Projects	Binding Commitment Date: 3/15/2005		
7141-02	Independence Twp	Oakland Co	New wells, trt, stor, repl mains, looping	\$625,000
7150-01	Port Huron	St Clair Co	Water main repl. - 24th St.	\$520,000
7167-01	Port Huron	St Clair Co	Repl mains - 16th Ave. Phase II	\$2,015,000
7168-01	Port Huron	St Clair Co	Repl mains - Military (Reid to Black River)	\$2,105,000
2nd	Quarter Total	4	Projects	\$5,265,000
3rd	Quarter Projects	Binding Commitment Date: 6/7/2005		
7156-01	Carson City	Montcalm Co	New strg tank; looping; trans main	\$1,600,000
7157-01	Kalamazoo Co	Village of Augusta	Repl mains; strg tank imp.	\$750,000
7160-01	Marquette Twp	Marquette Co	New wells and strg; ps imp; repl mains	\$4,520,000
7165-01	Bay City	Bay Co	WTP Upgrade	\$6,000,000
7169-01	Port Huron	St Clair Co	Repl mains - Woodstock Area Phase II	\$510,000
3rd	Quarter Total	5	Projects	\$13,380,000
4th	Quarter Projects	Binding Commitment Date: 9/1/2005		
7148-01	Sanilac Co	Carsonville	Arsenic trt	\$690,000
7155-01	Caro	Tuscola Co	WTP Arsenic Trt; Upgrd Wells;	\$1,780,000
7159-01	Marine City	St Clair Co	WTP Imp	\$2,500,000
7161-01	Detroit	Wayne Co	Lake Huron WTP clearwell rehab	\$15,265,000
7162-01	Detroit	Wayne Co	Repl mains	\$10,710,000
7164-01	Shiawassee Co	Byron	WTP; Arsenic Trt, Looping; Stor Tank Rehab/Upgrd	\$850,000
4th	Quarter Total	6	Projects	\$31,795,000
Total Fundable Range Dollars		15	Projects	\$50,440,000

**Drinking Water Revolving Fund  
Notice to Proceed for FY 2005**

<u>Project #</u>	<u>Project Name</u>	<u>Notice to Proceed Date</u>
7141-02	Independence Township	11/1/2004
7167-01	Port Huron	4/7/2005
7150-01	Port Huron	7/7/2004
7168-01	Port Huron	3/24/2005
7156-01	Carson City	6/8/2005
7157-01	Kalamazoo County	6/15/2005
7160-01	Marquette Township	6/28/2005
7165-01	Bay City	6/23/2005
7169-01	Port Huron	6/15/2005
7148-01	Sanilac Co	9/22/2005
7155-01	Caro	9/29/2005
7159-01	Marine City	9/29/2005
7161-01	Detroit	6/29/2005
7162-01	Detroit	8/18/2005
7164-01	Shiawassee County	9/20/2005